

Vermont Mental Health Performance Indicator Project

DDMHS, Weeks Building, 103 South Main Street, Waterbury, VT 05671-1601 (802-241-2638)

MEMORANDUM

TO: Vermont Mental Health Performance Indicator Project
Advisory Group and Interested Parties

FROM: John Pandiani and Monica Simon

DATE: June 27, 2003

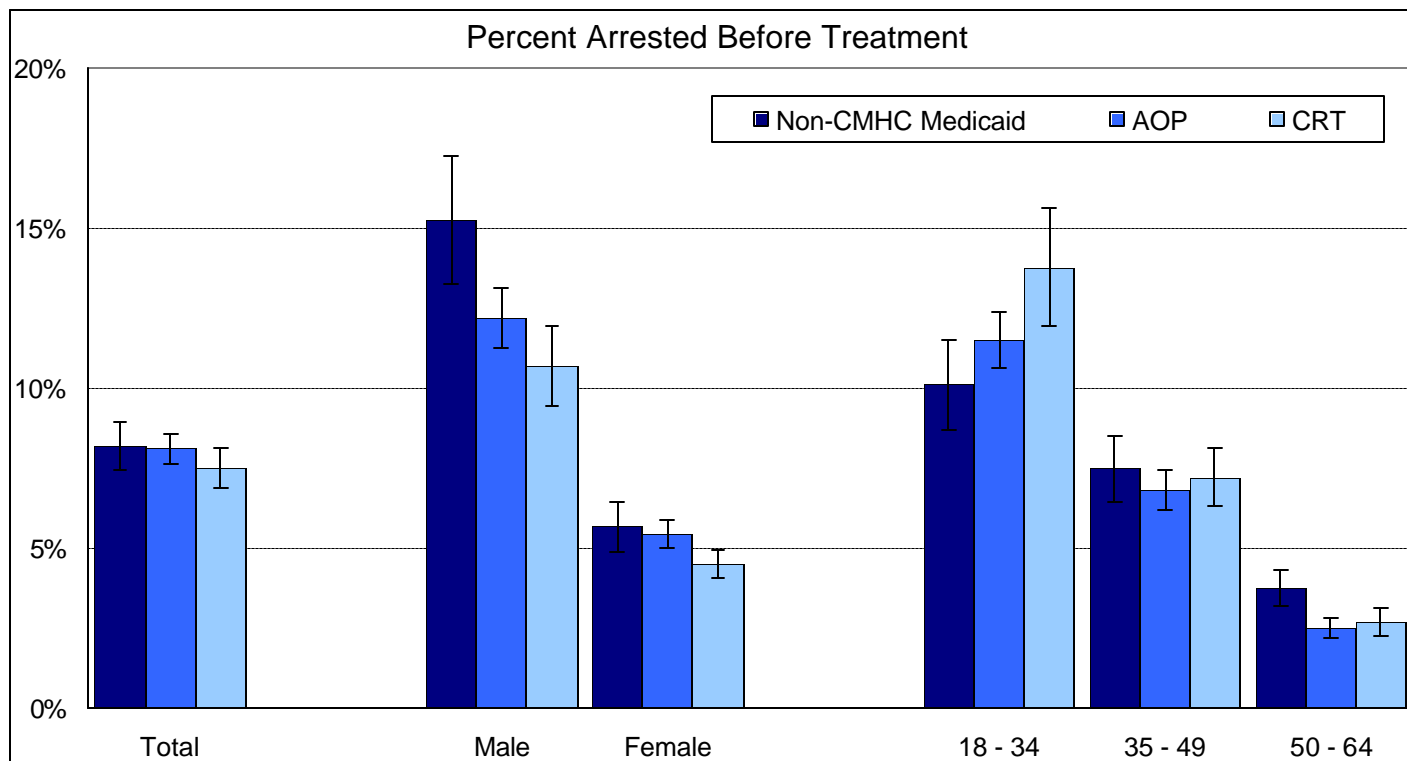
RE: Arrests Before Treatment for CMHC and Other Medicaid Clients

This week's PIP was prepared in response to a request from Joe Jacobs, Vermont's Medicaid Medical Director, for comparisons between CMHC service recipients and non-CMHC mental health service recipients. The attached table and graph compare the rates at which three groups of 2001 adult mental health service recipients had been arrested during the year before the treatment year. These groups include recipients of non-CMHC services provided by Psychologists or Master's Level psychologist/counselors, recipients of services from CMHC Adult Mental Health Outpatient Programs (AOP), and recipients of services from CMHC Community Rehabilitation and Treatment Programs (CRT) for adults with severe and persistent mental illness. Information on all arrests in Vermont was obtained from the Department of Public Safety. Because these databases do not share unique person identifiers, Probabilistic Population Estimation was used to determine the number of individuals shared across data sets.

As you will see, there was no significant difference among the three groups in terms of the rate at which they had been arrested during the previous year overall, but there were significant differences for some groups. Men who had been served by non-CMHC providers were more likely to have been arrested than men served by CMHC AOP services, and these AOP service recipients were significantly more likely to have been arrested than men service recipients of CMHC CRT services. Young adults who had been served by non-CMHC providers, by contrast, were less likely to have been arrested than CMHC AOP service recipients (although the difference is only marginally significant), and these CMHC AOP clients were significantly less likely to have been arrested than CMHC CRT service recipients.

We look forward to your comments, questions, and suggestions for future analysis pip@ddmhs.state.vt.us or call 802-241-2638.

**Arrest Rates for the Year Before Treatment
Non-CMHC Medicaid Psychological Service Recipients
Compared to CMHC Adult Mental Health Service Recipients
By Age and Gender: 2001**



	Non-CMHC Medicaid		Adult Outpatient		CRT	
	Number Served	Percent Arrested	Number Served	Percent Arrested	Number Served	Percent Arrested
Total	3,064 ± 13	8.2% ± 0.8%	6,291 ± 19	8.1% ± 0.5%	2,915 ± 10	7.5% ± 0.6%
Male	810 ± 5	15.2% ± 2.0%	2,479 ± 11	12.2% ± 0.9%	1,400 ± 7	10.7% ± 1.2%
Female	2,254 ± 12	5.7% ± 0.8%	3,812 ± 16	5.4% ± 0.4%	1,515 ± 7	4.5% ± 0.4%
18 - 34	1,381 ± 9	10.1% ± 1.4%	2,678 ± 13	11.5% ± 0.9%	712 ± 4	13.8% ± 1.8%
35 - 49	1,298 ± 9	7.5% ± 1.0%	2,574 ± 13	6.8% ± 0.6%	1,334 ± 7	7.2% ± 0.9%
50 - 64	385 ± 4	3.7% ± 0.6%	1,039 ± 6	2.5% ± 0.3%	869 ± 5	2.7% ± 0.4%

Analysis is based on data provided to DDMHS by community mental health centers, Medicaid paid claims, and the Department of Public Safety. Non-CMHC providers are identified by provider type = 019 (Masters Level Psychologist/Counselor) or 030 (Psychologist) who are age 18 and above. CMHC adult mental health service recipients include individuals served by Adult Mental Health Outpatient Programs (AOP) and Community Rehabilitation and Treatment Programs (CRT).

Because these databases do not share unique person identifiers, Probabilistic Population Estimation was used to determine the number of individuals shared across data sets (with 95% confidence intervals).